

Converting Colors

CIELCh(68, 10.449, 132.308)

Have a look what the booklet for
CIELCh(68, 10.449, 132.308)
contains.

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Color

CIELCh(68, 10.283, 133.629)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 9EA998 |
| RGB | 158, 169, 152 |
| RGB Percent | 62%, 66%, 60% |
| CMY | 0.3799, 0.3368, 0.4035 |
| CMYK | 0.07, 0.00, 0.10, 0.34 |
| HSL | 99°, 9%, 63% |
| HSV | 99°, 10%, 66% |
| XYZ | 34.0108, 37.9720, 35.2926 |
| YIQ | 163.7730, -1.0990, -7.6190 |

Conversions

Conversions Part 2

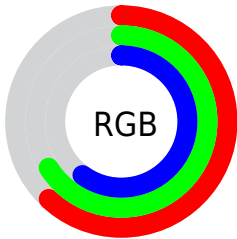
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 152, 169, 163 |
| Decimal | 10398104 |
| CIELab | 68.00, -7.10, 7.44 |
| CIELCh | 68, 10.283, 133.629 |
| Yxy | 37.9720, 0.3170, 0.3540 |
| Android (android.graphics.Color) | 4288588184 (0xFF9EA998) |
| YUV | 163.7730, -5.8041, -5.0629 |
| Hunter-Lab | 61.6215, -9.3177, 9.1777 |

Details

The CIELCh color $68, 10.283, 133.629$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 10.387, 314.433$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 10.223, 132.532$, and $48, 10.296, 132.764$ is the 20% darker color. If you saturate the color by 10%, you get $67, 20.565, 133.166$, and if you desaturate by 10%, it is $69, 0.048, 137.079$.

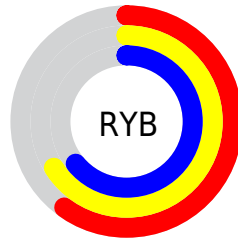
Distribution



Red (62%)

Green (66%)

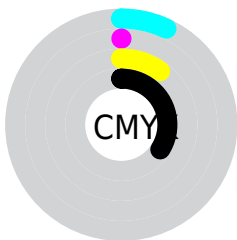
Blue (60%)



Red (60%)

Yellow (66%)

Blue (64%)

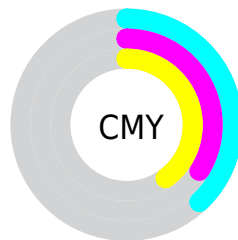


Cyan (7%)

Magenta (0%)

Yellow (10%)

Black (34%)



Cyan (38%)


Magenta (34%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 10.283, 133.629 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 68, 10.283, 133.629 by changing the saturation by 10% instead.


 68, 10.283,
133.629


 68, 10.283,
133.629


 100, 10.283,
133.629


 58, 10.283,
133.629


 88, 10.283,
133.629

 48, 10.283,
133.629

 98, 10.283,
133.629

 38, 10.283,
133.629

 28, 10.283,
133.629

 18, 10.283,
133.629

 8, 10.283, 133.629

 0, 10.283, 133.629

68, 10.283,
133.629

68, 10.283,
133.629

67, 20.565,
133.166

69, 0.048, 137.079

66, 30.800,
132.670

71, 10.084,
314.392

65, 40.868,
132.157

72, 20.066,
314.728

64, 50.596,
131.658

74, 29.869,
315.020

63, 59.745,
131.228

75, 39.473,
315.273

62, 67.986,
130.949

77, 48.868,
315.492


62, 74.909,
130.937


78, 50.782,
319.196

61, 80.101,

79, 52.236,
323.086

131.313

 80, 53.637,
326.273

 61, 83.662,
131.992

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



68, 10.283, 133.629



64, 10.387, 314.433

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68, 10.283, 133.629



68, 10.283, 183.629



68, 10.283, 313.629



68, 10.283, 3.629

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



68, 10.285, 133.631



87, 3.773, 133.960



67, 6.394, 87.088



46, 2.859, 133.919



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68, 10.285, 133.631



86, 15.176, 133.533



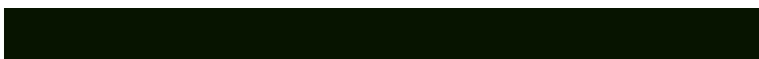
68, 10.444, 147.712



35, 5.764, 133.666



54, 75.673, 131.835



5, 10.651, 135.617

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



64, 10.387, 314.433



80, 15.351, 314.527



65, 10.468, 328.866



33, 5.818, 314.400



26, 80.498, 315.929



1, 10.312, 311.455

Previews

White Background



This preview shows how the CIELCh color 68, 10.283, 133.629 looks on a white background.

Color Contrast Check

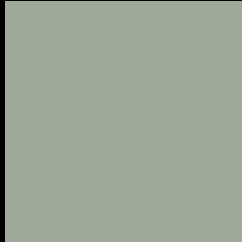
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 68, 10.283, 133.629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

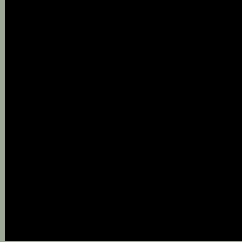
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 10.283, 133.629

Background



This preview shows how black text looks on a background with the CIELCh color 68, 10.283, 133.629.



This preview shows how white text looks on a background with the CIELCh color 68, 10.283, 133.629.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
68, 10.283, 133.629

Protanopia
68, 8.670, 90.735

Deuteranopia
68, 10.835, 37.835



Tritanopia
68, 7.230, 282.208

Trichromacy



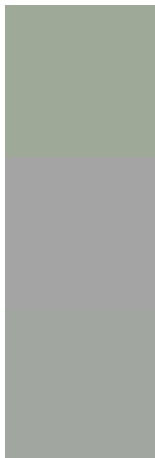
Original Color
68, 10.283, 133.629

Protanomaly
68, 8.233, 106.593

Deuteranomaly
68, 7.501, 66.567

Tritanomaly
68, 2.473, 241.471

Monochromacy



Original Color
68, 10.283, 133.629

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 3.646, 134.564

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 10.283, 133.629 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(158, 169, 152)` looks like.

```
.text, #text, p{  
    color:rgb(158, 169, 152)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(158, 169, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 169, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 10.283, 133.629 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 169, 152) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(158, 169, 152) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(158, 169, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 169, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 169, 152);  
box-shadow:4px 4px 4px 4px rgb(158, 169,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 10.283, 133.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 169, 152) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(158,  
169, 152) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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